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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:**

Ryuichi Morishita & Munehisa Shimamura

**Application No.** 10/517,154

**Filed:** December 6, 2004

**Confirmation No.** 2664

**For:** AGENTS FOR GENE THERAPY OF  
CEREBROVASCULAR DISORDERS

**Examiner:** Not yet assigned

**Art Unit:** 1642

**Attorney Reference No.** 6235-69895-01

**CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP PCT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney  
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**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.97(b)(2)**

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language and non-English-language documents. The relevance of the non-English-language documents that are enclosed is described in the English-language translation attached to each document. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Copies of the references listed on the accompanying PTO-1449 that were cited in an International Search Report for corresponding International Application No. PCT/JP03/07004 are not enclosed because copies should have been provided directly to the USPTO by WIPO under an exchange program between the USPTO and the Japanese Patent Office. However, Applicants will provide copies of such references upon request.

Applicants filed this Information Disclosure Statement ("IDS") within three months of the date of entry of the national stage as set forth in § 1.491 in an international application. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a


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fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this IDS is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

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| <b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b>                                                                                                                                                                                                                                                                                                                                               |                     | Attorney Docket Number                                                                                                                                                                                                                                          |                                            | 6235-69895-01                 |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                     | Application Number                                                                                                                                                                                                                                              |                                            | 10/517,154                    |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                     | Filing Date                                                                                                                                                                                                                                                     |                                            | December 6, 2004              |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                     | First Named Inventor                                                                                                                                                                                                                                            |                                            | Morishita                     |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                     | Art Unit                                                                                                                                                                                                                                                        |                                            | 1642                          |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                     | Examiner Name                                                                                                                                                                                                                                                   |                                            | Not yet assigned              |                               |
| <b>U.S. PATENT DOCUMENTS</b><br>Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date. |                     |                                                                                                                                                                                                                                                                 |                                            |                               |                               |
| Examiner's Initials*                                                                                                                                                                                                                                                                                                                                                                                   | Cite No. (optional) | Number                                                                                                                                                                                                                                                          | Publication Date                           | Name of Applicant or Patentee |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                                                                                                                                                                                                                                                 |                                            |                               |                               |
| <b>FOREIGN PATENT DOCUMENTS</b>                                                                                                                                                                                                                                                                                                                                                                        |                     |                                                                                                                                                                                                                                                                 |                                            |                               |                               |
| Examiner's Initials*                                                                                                                                                                                                                                                                                                                                                                                   | Cite No. (optional) | Country                                                                                                                                                                                                                                                         | Number                                     | Publication Date              | Name of Applicant or Patentee |
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| Examiner's Initials*                                                                                                                                                                                                                                                                                                                                                                                   | Cite No. (optional) | <b>OTHER DOCUMENTS</b>                                                                                                                                                                                                                                          |                                            |                               |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                        |                     | Hayashi et al., "Gene Therapy for Preventing Neuronal Death Using Hepatocyte Growth Factor: <i>In Vivo</i> Gene Transfer of HGF to Subarachnoid Space Prevents Delayed Neuronal Death in Gerbil Hippocampal CA1 Neurons," <i>Gene Ther.</i> 8:1167-1173 (2001). |                                            |                               |                               |
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| EXAMINER<br>SIGNATURE:                                                                                                                                                                                                     | DATE<br>CONSIDERED: |
| * Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant. |                     |